Brief CV

| Name | Fenghong Cao | Gender | Female | |
|-----------------------|----------------------------------|---------------------|--------|---|
| Title (Pro./Dr.) | Post-Dr./Pro. | Country | China | 0 |
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| Personal Web Sites | None | | | |
| Research Area | Materials Processing Engineering | | | |

Brief introduction of your research experience:

During the study of Chongqing University, I mainly engaged in the research of magnesium alloy material foundation and magnesium alloy material molding process. During the period, the company participated in the "Eleventh Five-Year" Science and Technology Support Program "Magnesium and Magnesium Alloy Key Technology Development and Application" Alloy casting and integrated application technology project development, as well as the expansion of magnesium alloy in Changan Automobile and large-scale complex magnesium alloy castings in the automotive, motorcycle integrated application technology development, the main components involved in the design of materials and microstucture and performance of Mg alloy. The mechainsm and performance of ultra-high strength magnesium alloy were mainly analyzed during the postdoctoral phase of Sichuan University, and the design and development of rapid solidification of magnesium alloy was carried out. At the same time, the magnesium alloy ribbon was successfully prepared.

Presided over the completion of Leshan Science and Technology Bureau of the project three, Sichuan Provincial Department of Education a scientific research project, a teaching reform project in Sichuan Province; completed the transformation of patent results 1; published more than 40 papers, including SCI 2, Ei included 4, CSCD core journals more than 30 articles; access to more than 20 patents, patented invention patents 2; the preparation of three teaching materials.